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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/314,889	05/19/1999	GUO-LIANG YU	1488.0310006	5766

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EXAMINER

ULM, JOHN D

ART UNIT

PAPER NUMBER

1646

DATE MAILED: 08/15/2002

24

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.  
**09/314,889**

Applicant(s)  
**Yu et al.**

Examiner  
**John Ulm**

Art Unit  
**1646**



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 0 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on Aug 7, 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 27-121 is/are pending in the application.
- 4a) Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 27-121 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claims \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

Art Unit: 1646

- 1) This action is supplemental to the action of 07 May of 2002.
- 2) Claims 27 to 121 are pending in the instant application. Claims 120 and 121 have been added as requested by Applicant in Paper Number 21, filed 11 October of 2001.
- 3) Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.
- 4) The second (or subsequent) supplemental reply filed on 07 August of 2002 was not entered because entry of the reply would unduly interfere with the preparation of the Office action. See 37 CFR 1.111(a)(2). The examiner spent a significant amount of time on the preparation of an Office action before the reply was received. On the date of receipt of the reply, the examiner had completed the office action of 07 May of 2002 of which the instant action is a supplemental.

A responsive reply (under 37 CFR 1.111 or 37 CFR 1.113 as appropriate) to this Office action must be timely filed to avoid abandonment.

Because this is not a final Office action, applicant may wish to resubmit the reply along with a responsive reply under 37 CFR 1.111 to ensure proper entry of the reply.

- 5) Any objection or rejection of record which is not expressly repeated in this action has been overcome by Applicant's response and withdrawn.
- 6) The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Art Unit: 1646

7) Claims 57, 62 to 70, 73 to 81 and 94 to 100 remain objected to as reciting an improper Markush Group for those reasons of record.

8) Claims 27 to 121 are rejected under 35 U.S.C. § 101 because they are drawn to an invention with no apparent or disclosed specific and substantial credible utility for those reasons of record as applied to claims 27 to 119 in section 4 of Paper Number 9 and section 6 of Paper Number 18.

9) Claims 27 to 121 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to adequately teach how to use the instant invention for those reasons given above with regard to the rejection of these claims under 35 U.S.C. § 101.

10) Claims 27 to 119 stand rejected under 35 U.S.C. 102(b) as being clearly anticipated by the Kitson et al. publication (NATURE 384:372-375, 28 Nov. 1996) for those reasons of record in section 8 of Paper Number 9.

11) Applicant's arguments filed 21 May and 11 October of 2001 have been fully considered but they are not persuasive for those reasons given above.

12) The shortened statutory period for reply to this action has expired in accordance with M.P.E.P. 710.06, which states that:

“ **Situations When Reply Period Is Reset or Restarted**

Where the citation of a reference is incorrect or an Office action contains some other defect and this error is called to the attention of the Office within 1 month of the mail date of the action, the Office will restart the previously set period for reply to run from the date the error is corrected, if requested to do so by applicant. If the error is brought to the attention of the Office within the period for reply set in the Office action but more than 1 month after the date of the

Art Unit: 1646

Office action, the Office will set a new period for reply, if requested to do so by the applicant, to substantially equal the time remaining in the reply period. For example, if the error is brought to the attention of the Office 5 weeks after mailing the action, then the Office would set a new 2-month period for reply. The new period for reply must be at least 1 month and would run from the date the error is corrected. See MPEP § 707.05(g) for the manner of correcting the record where there has been an erroneous citation.”

“If the error in citation or other defective Office action is called to the attention of the Office after the expiration of the period for reply, the period will not be restarted and any appropriate extension fee will be required to render a reply timely. The Office letter correcting the error will note that the time period for reply remains as set forth in the previous Office action.”

Because the three month period for response to the defective office action of 07 May 2002 expired upon the filing of Applicant's last response on 07 August of 2002, the period will not be restarted and the appropriate extension fee will be required to render a reply timely under 37 C.F.R. § 1.111.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John D. Ulm whose telephone number is (703) 308-4008. The examiner can normally be reached on Monday through Friday from 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler can be reached at (703) 308-6564.

Official papers filed by fax should be directed to (703) 308-4242 or (703) 872-9306. Official responses under 37 C.F.R. § 1.116 should be directed to (703) 872-9307.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.



JOHN ULM  
PRIMARY EXAMINER  
GROUP 1800